

Abstract

A bus agent that may be used in an enhanced highly pipelined bus architecture. In one embodiment, the bus agent includes a control interface to drive a control signal at a clock frequency, an address bus interface to drive address elements at twice the clock frequency, and a data bus interface to drive data elements at four times the clock frequency. The address bus interface drives a substantially centered address strobe transition for each address element, and the data bus interface drives a substantially centered data strobe transition for each data element.